

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 2-1-73

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

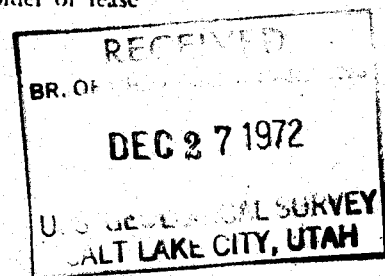
BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Utah
SERIAL NO.: U-16965-A



and hereby designates

NAME: ADAK ENERGY CORPORATION
ADDRESS: 803 Phillips Petroleum Bldg.
Salt Lake City, Utah 84101

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

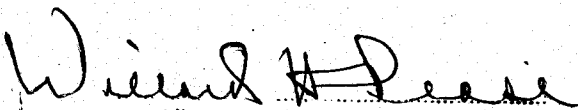
T 21 S, R 23 E
Section 7, SE 1/4 NE 1/4 -- 40 acres
Grand County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

WILLARD PEASE DRILLING CO.


(Signature of lessee)

JAN 11 1973

(Date)

(Address)

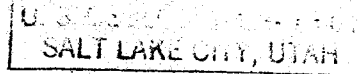
P.O. Box 548
Grand Junction, Colo.

Adak Energy Corp.
803 PHILLIPS PETROLEUM BLDG
68 SO. MAIN ST.
SALT LAKE CITY, UTAH 84101

January 8, 1973

Mr. Gerald Daniels
U.S.G.S. District Engineer
8th Floor, Federal Building
Salt Lake City, Utah 84111

Dear Sir:



Adak Energy Corporation of Salt Lake City, Utah wishes to make application to drill on Federal Lease # U16965^A in Section 7, T 21 S, R 23 E, Grand County, Utah as filed in triplicate on form 9-331C.

In addition to information given in "application for per mit to drill" may we submit the following information on plan of development:

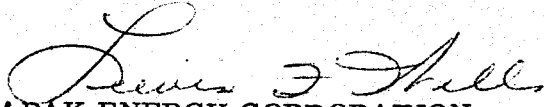
1. Existing roads. Attached photo copy of U. U.G.S. quadrangle shows main highways and roads leading to well location in Sec. 7, T 21 S, R 23 E.
2. Planned access roads. Cunningham ranch road in Sec. 11, T 21 S, R 22 E, going east down Cisco wash, through Section 12 to the location in the SE 1/4 NE 1/4 of Sec. 7. The leasee agrees to upgrade the roads to any well or other improvement which is regularly maintained or inspected as directed by the District Manager's Authorized Representative if any well becomes a producer or if any improvement is needed for the sustained production of oil and gas i.e. gauging stations, cathodic stations, etc. Such upgrading may include ditching and draining, culverts and graveling or capping of the road bed.
3. Location of wells. Adak has a gas well, State # 1, in Sec. 16 2 1/4 miles to the Southeast. Dry and abandoned wells have been drilled by Utah Southern to the east and west of Federal # 3 location.
4. Lateral roads to well's location. (See attached map).
5. Location of tank batteries and flowlines. A tank battery will be set up after rig is cleared and location graded; flowlines will be laid depending on location of main trunk line.

Gerald Daniels
Adak's Federal # 5

6. Location and types of water supply. Water will be hauled from the Colorado River, 7 miles to the southeast. Well will be drilled with air and air mist.
7. Methods for handling waste disposal. (See location plat layout). Liquid wastes will be temporarily allowed to stand in reserve pit; solid wastes will go to the refuse pit and be removed after drilling.
8. Location of camps. NO camp required.
9. Location of airstrip. NO airstrip required.
10. Location layout. (See plat of rig and tank layout).
11. Plans for restoration of the surface. After drilling is completed and drilling equipment is removed, surface will be filled and graded with soil and Mancos shale, and gravel base for tanks and driveways to production facilities.
12. Any other information. Pease Drilling Company Rig # 4 is equipped with A.P.I. series 900 Double Ram Blowout preventers and these will be tested before drilling out under surface pipe and checked daily or when drill pipe comes out of the hole.

Adak trusts that the above drilling proposal together with maps, charts and forms, will provide necessary information to grant permit and allow us to proceed on our drilling for oil and/ or gas on Federal # 5 in Section 7, T 21 S, R 23 E.

Very truly yours,


ADAK ENERGY CORPORATION
by Lewis F. Wells , President

LFW/hw

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U 16965-A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR ADAK ENERGY CORPORATION		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 803 Phillips Petroleum Bldg., Salt Lake City, Utah		8. FARM OR LEASE NAME Cisco	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 630' West of East line, and 2010' South of North line, Sec. 7, T 21 S, R 23 E At proposed prod. zone same		9. WELL NO. Federal # 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles east of Thompson, Utah		10. FIELD AND POOL, OR WILDCAT Cisco	
15. DISTANCE FROM PROPOSED* 630' West of East line LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. Sec. 7, T 21 S, R 23 E. (Also to nearest drlg. unit line, if any; same)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE 1/4 Ne 1/4, Sec. 17 T 21 S, R 23 E	
16. NO. OF ACRES IN LEASE 40		12. COUNTY OR PARISH Grand	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NW 2 1/4 Mi. from State #1, Sec. 16		20. ROTARY OR CABLE TOOLS Rotary with air	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4492 GR.		22. APPROX. DATE WORK WILL START* Jan. 30, 1973	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" J55	36.0#	100'	50 SXS Ca Cl
8 3/4"	7" "	26.4	975'	50 SXS Ca Cl

Operator proposes to drill with Rotary tools using compressed air and air mist as a drilling medium on a 12 1/4" hole to 110' then set 3 joints of 9 5/8" casing; then drill out with a 8 3/4" hole to 975' and set a string of 7" casing and drill into the Dakota sand with a 6 1/4" bit. If productive, complete; if barren, drill ahead and test the Morrison at 1180', Summerville at 1710' and the Entrada sand at 1765'.

24. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED

James Z. Shell

TITLE

Pres.

DATE

Jan 8, 1972

(This space for Federal or State office use)

PERMIT NO.

43-013-30131

APPROVAL DATE

DISTRICT ENGINEER

APPROVED BY

Harold R. Daine

TITLE

DATE

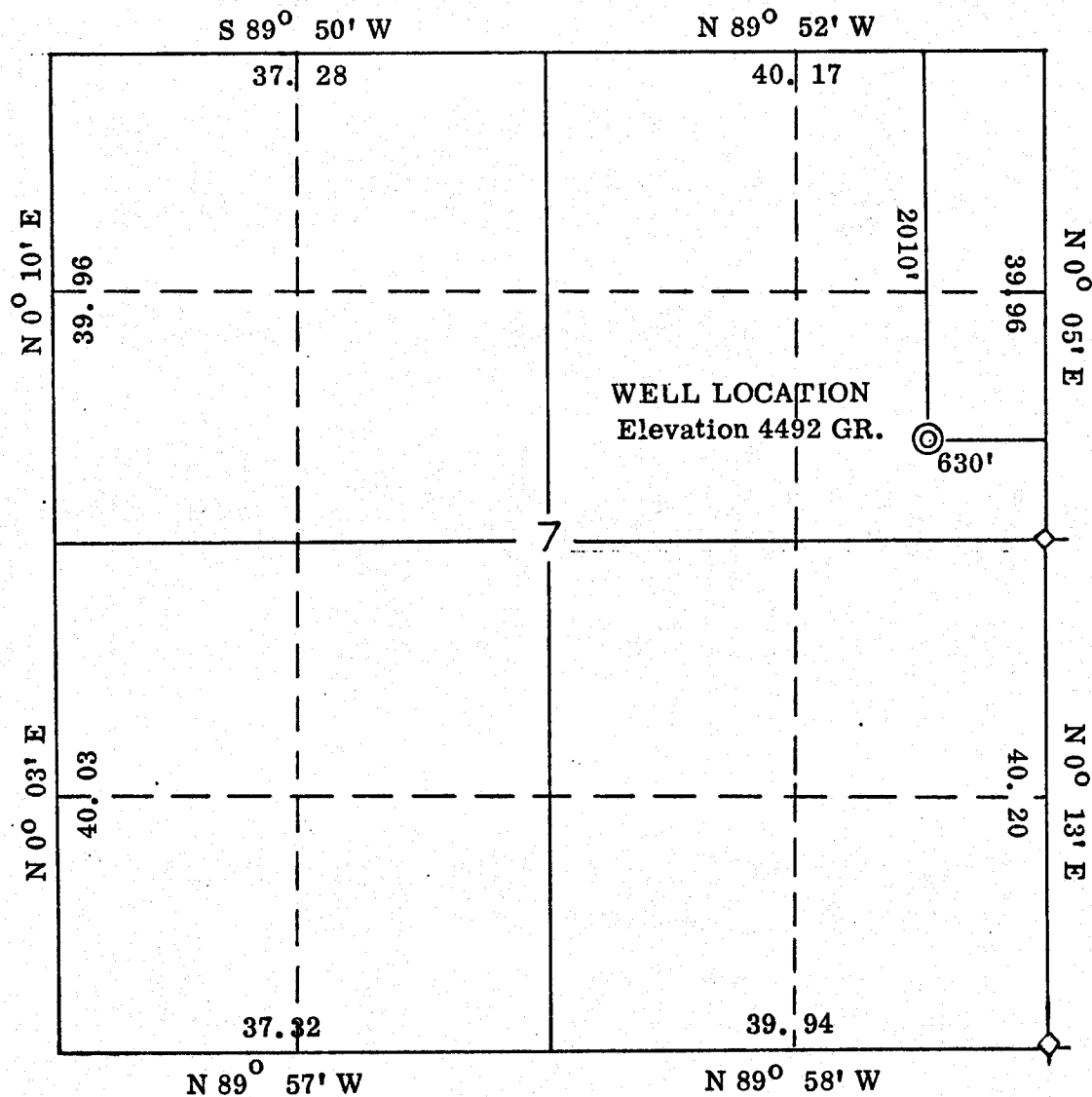
JAN 17 1973


CONDITIONS OF APPROVAL, IF ANY:

SUBJECT TO ATTACHED CONDITIONS

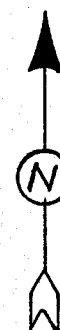
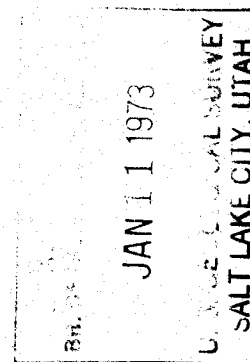
*See Instructions On Reverse Side

T 21 S. R 23 E. S.L.B.M.



Section Corners Located (Brass cap) 

Well location as shown is in the SE 1/4 NE 1/4
Sec. 7, T 21 S, R 23 E., S.L.B.M. Grand Co. Utah



This is to certify that this plat was prepared from field notes of actual survey made December 18, 1972 and that the same is true and correct to the best of my knowledge and belief.

Certified Professional Geologist #766

ADAK ENERGY CORP.
68 South Main St.
Salt Lake City, Utah

Scale 1" 1000'

Date *Dec. 19, 1972*

Ref. GLO Plat

Approved *[Signature]*

January 22, 1973

Adak Energy Corporation
803 Phillips Petroleum Building
Salt Lake City, Utah

Re: Well No. Federal #4,
Sec. 17, T. 21 S, R. 23 E,
~~Well No. Federal #5,~~
Sec. 7, T. 21 S, R. 23 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to this request will be greatly appreciated.

The API numbers assigned to these wells are:

Federal #4:	43-019-30130
Federal #5:	43-019-30131

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U 16965

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ADAK

9. WELL NO.

Fed. # 5

10. FIELD AND POOL, OR WILDCAT

Cisco

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**SE 1/4 NE 1/2 Sec. 7
T 21 S, R 23 E**12. COUNTY OR PARISH
Grand13. STATE
Utah

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Adak Energy Corporation

3. ADDRESS OF OPERATOR

803 Phillips Petroleum Bldg., SLC, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

630' West of East line & 2010' South of North lineAt top prod. interval reported below **Sec. 7, T 21 S, R 23 E**

At total depth

14. PERMIT NO.

43-019-30131

DATE ISSUED

Jan. 22, 1973

15. DATE SPUDDED

Jan. 26, '73

16. DATE T.D. REACHED

Jan. 29, 1973

17. DATE COMPL. (Ready to prod.)

Feb. 1, 1973

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

D. F.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1337'

21. PLUG, BACK T.D., MD & TVD

none

22. IF MULTIPLE COMPL., HOW MANY*

single zone

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

surface to 1337' none

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

1216' - 1228' Buck Horn Sandstone

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Elec. 104'-1337'; compensated acoustic velocity, 105'-1336'; McCullough Gamma Ray, 1050'-1230'

27. WAS WELL CORED

no

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
J55 9 5/8"	32#	97'	12 1/4"	Halliburton w/ 35 sxs 2 1/2 cc	--
4"	18#	1336'	6 3/4"	" 35 sxs 2 1/2 cc	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

**1196-1200, 2 1/2" jets, 44 holes
36 holes 4 per foot
8 holes 2 per foot**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1190'	300 gal. 16% MEA Acid

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Jan. 30, 1973		Open flow gas Est. 750,000 cu.ft.					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Feb. 1, 1973	12	1/2"	→		35	--	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	215	→		35			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

R. Morris, Pease Dr. Co.

35. LIST OF ATTACHMENTS

Elec. logs, Gamma Ray logs, sample logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____

TITLE

President

DATE

Feb. 23, 1973

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Mancos	Surface	1090'	Lt. Gr. dk. gr. calc. shale			
Dakota silt	1090'	1216'	Wh. lt. gr. silt, v.f. ss., shaly siltstone			
Buck Horn	1216'	1274'	Lt. Gr. Cl.-Med Sandstone			
Morrison	1274'	1337'	TD. Dull red-brn., Mudstone-shale			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U 16965 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ADAK

9. WELL NO.

Fed. # 5

10. FIELD AND POOL, OR WILDCAT

Cisco

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7
T 21 S, R 23 E12. COUNTY OR
PARISH

Grand

13. STATE

Utah

1a. TYPE OF WELL:

OIL

☐

GAS

WELL

☒

DRY

☐

Other

b. TYPE OF COMPLETION:

NEW

WELL

☒

WORK

OVER

☐

DEEP-

EN

☐

PLUG

BACK

☐

DIFF.

RESVR.

☐

Other

2. NAME OF OPERATOR

Adak Energy Corporation

3. ADDRESS OF OPERATOR

803 Phillips Petroleum Bldg. SLC, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 630' West of East line & 2010' South of North
line, Sec. 7, T 21 So. R 23 E

At top prod. interval reported below

8

At total depth

14. PERMIT NO.

DATE ISSUED

43-019-30131

Jan. 22, 1973

15. DATE SPUDDED

Jan. 26, '73

16. DATE T.D. REACHED

Jan 29, 1973

17. DATE COMPL. (Ready to prod.)

Feb. 1, 1973

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

D.F.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1336'

21. PLUG, BACK T.D., MD & TVD

None

22. IF MULTIPLE COMPL.,

HOW MANY*
single zone

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Surface to 1336' none

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

1196' to 1209' Buck Horn Sandstone

25. WAS DIRECTIONAL

SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Elec. 104'-1336'; compensated acoustic velocity,
Gamma Ray, 1050'-1230'

27. WAS WELL CORED

no

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
J55 9 5/8"	32#	97'	12 1/4"	Halliburton w/35 sxs 2%cc	
4"	18#	1336'	6 3/4"	" " "	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	1190'	No packer

31. PERFORATION RECORD (Interval, size and number)

1196' to 1209' 2 1/2" jets
44 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1190'	300 cal. 15% MEA Acid

33.*

PRODUCTION

DATE FIRST PRODUCTION

Jan. 30, 1973

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Open flow gas Est. 750,000 cu.ft.

WELL STATUS (Producing or
shut-in)

DATE OF TEST

Apr. 8, 1974

HOURS TESTED

12

CHOKE SIZE

1/2

PROD'N. FOR
TEST PERIOD

→

OIL—BBL.

GAS—MCF.

550

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

200#

CASING PRESSURE

S.I. 390#

CALCULATED
24-HOUR RATE

→

OIL—BBL.

GAS—MCF.

550

WATER—BBL.

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

R. Morris, Pease Dr. Co.

35. LIST OF ATTACHMENTS

Elec. Logs, Gamma Ray logs, sample logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

President

DATE

June 5, 1974

(Revised)

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Mancos	Surface	1090'	Lt. Gr. dk, gp, calc. Shale				
Dakota silt	1090'	1200'	Wh, lt, gr, silt v.f. ss., shaly siltstone				
Buck Horn	1200'	1234'	Lt. Gr. Cl. M. rd. Sandstone				
Morrison	1234'	1336'	TD Dull red-brn, Mudstone-shale				

WELL LOGGING REPORT
ADAK ENERGY CORP.
FED. # 5 ✓

SEC. 7, T 21 S. R 23 East

Adak Energy Corp.
803 PHILLIPS PETROLEUM BLDG.
68 SO. MAIN ST.
SALT LAKE CITY, UTAH 84101

DRILLING RATE IN MIN/FT.						LITHOLOGY-graphic			PHYSICAL CHARACTERISTICS			RESERVIOR		REMARKS
						Depth	Inter	%	Rock Type & Color	Size & Shape	Asso. Minerals	Por. & Perm.	Oil or Gas Shows	Special Notes
5	10	15	20	25		300'			Sh. dk- dk gr. calc.					AIR SAMPLES, 30' INTERVALS, TO 800' MANCOS, SH.
						400'				tr. pyritic				
						500'			Sh. as above,					
						600'			Sh. dk gr. very change in shale litho.					

[REDACTED]

2

✓

[illegible]

PI
PAB

June 6, 1974

C
O
P
Y

Mr. Gerald R. Daniels
Conservation Division
8416 Federal Building
Salt Lake City, Utah 84111

Re: Well Completion Report
U 16964-B Well No. 4
U 16965-A Well No. 5
February 23, 1973

Resubmittal:

Dear Mr. Daniels:

I am re-submitting completion reports on Adak Energy Corp. wells #4 and #5 and will attempt to provide additional background and data relative to the tests on these wells.

Adak well #4: Your record shows that the 7" casing was set at 735' with an open hole completion, which is correct. It was anticipated that the top of the Dakota sand would come in at 750' however it was not present but a Dakota silt was encountered at 915'. No Cedar Mountain was encountered. Gas was encountered in the Buck Horn Formation at 1049' and the top of the Morrison Formation at 1110'. All of the above were sample tops as we were unable to obtain logging services at the time this well was completed.

In answer to your letter of March 2, Neither the Dakota nor Morrison was productive. The corrected flow for the #4 well is 997 MCF on an 18 hour test. The calculated rate indicated before was an estimate of what we felt could be delivered in a 24 hour period.

Adak well #5: On the completion form 9-330, I have indicated the size and quantity of tubing run in part 30 of the report and corrected the flow to reflect recent tests including increase in pressure and flow rate. The open flow estimated at 750 MCF was correct, however after perforating and acidizing this well fell off to 35 MCF with 215# pressure. At present the well is carrying 390# pressure with a flow calculated at 550 MCF.

Please include these revisions in the files of the subject wells.

Sincerely yours,

ADAK ENERGY CORP.


Lewis F. Wells

Law Wells

Alab #10 - sec 7 (#5) - U.S.G.S.

↓
went to salt water

run Bond Log - Cost Company

- 1) set plug at top of steel
- 2) base of mfr pipe @ 90'
110' to 60'
- 3) surface / S. v. between plugs
cement
- ④ square 12 34 to 1190

10/21/79 JMB



P1

gla P

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-16965-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Acak Federal # 5

10. FIELD AND POOL, OR WILDCAT

Cisco

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SE 1/4 NE 1/4, sec 7, T 21S, R 23E

14. PERMIT NO.

43-019-30131

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4492' Ground level

12. COUNTY OR PARISH

Grana

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This is an amended plan of abandonment as discussed with Mr. Gynn Friday Sept 10th 1976.

Fleet cementers from Grana Junction will provide regular cementing service.

Used 4" drill pipe which was used for casing will be left in the hole from original TD of 1,336' to surface. Casing was plugged back to 1,234 at time well was completed back in January of 1973. Perforations were from 1,196 to 1,209. (LD of drill pipe 3")

25 sacks of cement will be squeezed into perforations then casing will be left full of cement from top to bottom, annulus between 9 5/8 surface pipe and casing will be filled from bottom of surface pipe at 22' 97' to surface with approximately 40 sacks of cement.

No additional disturbance of the surface will be made. Fence will be removed, regulation surface marker with appropriate data beaded on with welder will be installed. Well site will be leveled, holes filled and surface cleaned up.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Sept 16, 1976

BY: P.L. Driscoll (K.O.)

CIRCULATE TO:

DIRECTOR	-----	<input checked="" type="checkbox"/>
PETROLEUM ENGINEER	-----	<input type="checkbox"/>
MINE COORDINATOR	-----	<input type="checkbox"/>
ADMINISTRATIVE ASSISTANT	-----	<input checked="" type="checkbox"/>
ALL	-----	<input type="checkbox"/>

RETURN TO Kathy
FOR FILING

September 17, 1976

MEMO FOR FILING:

Re: Adak Energy Co.
Federal #5
Sec. 7, T. 21 S, R. 23 E.
SE SE NE
Grand Co., Utah

Telephonic approval was given on September 15, 1976, to plug and abandon the above well. This well has previously been carried as a shut-in gas well.

Pertinent info: 4 1/2" drill pipe was left in hole as casing.
Perforations were made from 1216'-1228'. A
9 5/8" surface pipe was set approximately 97'
and cemented to surface.

The well will be plugged by squeezing existing perforations with 25 sacks of cement. The 4 1/2" drill pipe will be filled with cement from top to bottom. In addition, the 97' annular area between the 4 1/2" drill pipe and 9 5/8" casing will be filled with cement to the surface.

A regulation dry hole marker will be erected and the location cleaned up.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/tlb

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771State Lease No. _____
Federal Lease No. U-16965 A
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE CiscoThe following is a correct report of operations and production (including drilling and producing wells) for the month of:
Jan thru Sept, 19 76Agent's Address 1470 Brooklane Circle
SLC 84117Company Adak Energy Corp.

Signed _____

Title _____

Sec-Treas.

Phone No. 272-6945

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE 1/4 NE 1/4 sec 7	21S	23E	5	-0-	-0-		-0-	-0-	-0-	
<p>This well has been shut in since it was drilled and completed and has never been produced. It is the opinion of those who have studied the records that there was formation damage by an unsuccessful cement job at the time of completion and that the integrity of the cement job was very doubtful which permitted invasion of amounts of water which could not be economically controlled or corrected. As a result the well was plugged and abandoned on Sept 23rd 1976.</p> <p style="text-align: center;"><u>FINAL REPORT</u></p>										
<p>Gas Sold _____</p> <p>Flared/Vented _____</p> <p>Used on/off Lease _____</p>										

NOTE: There were No runs or sales of oil; No M. cu. ft. of gas sold;
No runs or sales of gasoline during the month.DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other Instructions on re-
verse side)Form approved.
Budget Bureau No. 42 R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-16965 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ GAS ☐
WELL WELL ☒ OTHER

2. NAME OF OPERATOR

Adak Energy Corp

3. ADDRESS OF OPERATOR

PO Box 17076 Salt Lake City, Utah 84117

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface630' West of East Line & 2,010' South of North Line
section 7, T 21S, R 23E

14. PERMIT NO.

43-019-30131

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4492' Ground level

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Adak Federal # 5

10. FIELD AND POOL, OR WILDCAT

Cisco

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SE 1/4 NE 1/4, sec 7, T 21S, R 23E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

September 23rd 1976, Fleet Cementers of Grand Junction, Colo. cemented annulus of 9 5/8" surface pipe from 125' to surface with 45 sacks cement. Production casing (4" drill pipe 3" L) left in hole from 1336' to surface, Casing was plugged back to 1,234 when well was completed in 1973. Perforations were from 1,196' to 1,209', Fleet Cementers squeezed 75 sacks into the formation then filled the casing with 60 sacks leaving casing full to surface.

Regulation surface marker was installed, pits filled, fence removed, location leveled 9/25/76 and location inspected by the undersigned 12/14/76.

Request that necessary BLM and GS inspection be made as soon as possible and bond be released.

RECEIVED
APPROVED BY THE STATE
OF UTAH, DIVISION OF
OIL, GAS, AND MINING

JUL 27

DATE: 7/21/81

BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE Sec-Treas

DATE 12/17/76

(This space for Federal or State Office use)

APPROVED BY

[Signature]

TITLE

FOR

E. W. GUYNN
DISTRICT ENGINEER

DATE JUL 06 1981

CONDITIONS OF APPROVAL, IF ANY:

UTAH STATE O&G

See Instructions on Reverse Side

ADAK ENERGY CORP.
WELL NO. FEDERAL # 5A
SEC. 7, T21S, R23E
GRAND COUNTY, UT.

ADAK ENERGY CORP.
P. O. BOX 17076
SALT LAKE CITY, UTAH 84117
801-272-6945

10/25/77

Utah Oil & Gas Division
1588 W. North Temple
Salt Lake City 84116



Gentlemen,

Please consider this our formal request to stake a new location for the re-drilling of the Adak Federal # 5 A well. This well will be located approximately 200 feet east of the Adak Federal # 5 well which was plugged and abandoned in Sept of 1976. This location is in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7 T 21S R 23E Grand County, Utah. U-16965 A.

The survey will be made by Mr. John E. Keogh of Moab, and you will be provided with copies of his map and survey information when complete. An APD together with all associated paper work will be prepared after Mr. Keogh has completed his work.

Sincerely,

Alfred J. Pouch
Alfred J. Pouch
Sec-Treas.

need info on # 5-A

CIRCULATE TO:

- DIRECTOR ----- ☒
- PETROLEUM ENGINEER ----- ☒
- MINE COORDINATOR ----- ☒
- ADMINISTRATIVE ASSISTANT ----- ☐
- ALL ----- ☐

RETURN TO *Scherer*
FOR FILING

adab 7 ed 5A

#7 21S 23E

Grand

262-4422